

Application No. 10/511,522  
Response to Office action dated 03/07/2006  
Response dated 06/07/2006

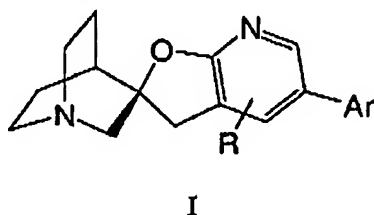
**Amendments to the Claims:**

This listing of claims will replace all previous versions, and listings, of claims in this application.

**Listing of Claims:**

Claims 1 - 22 (canceled).

Claim 23 (new)      A compound according to Formula I:



or a pharmaceutically-acceptable salt thereof, wherein

Ar is selected from a 2-, or 3-linked thienyl or benzo-fused thienyl substituted with 0, 1, 2 or 3 substituents independently selected at each occurrence from C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, C<sub>1-4</sub> halogenated alkyl, C<sub>1-4</sub> oxygenated alkyl, C<sub>2-4</sub>alkenyl, C<sub>2-4</sub>alkynyl, halogen, -CO<sub>2</sub>R<sup>1</sup>, -C(O)R<sup>1</sup>, -CN, -NO<sub>2</sub>, -NR<sup>1</sup>R<sup>2</sup>.

R<sup>1</sup> and R<sup>2</sup> are independently selected at each occurrence from hydrogen or C<sub>1-4</sub>alkyl;

R is a substituent selected from hydrogen, C<sub>1-4</sub>alkyl, C<sub>1-4</sub> halogenated alkyl, C<sub>1-4</sub> oxygenated alkyl, or halogen.

Claim 24 (new)      A compound according to Claim 1 or a pharmaceutically-acceptable salt thereof, wherein:

Ar is a 2-, or 3-linked thienyl having 0 or 1 substituents selected from methyl, ethyl, or halogen, and R is hydrogen.

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Claim 25 (new) A compound according to Claim 23, selected from:

(2'R)-5'-(thiophen-2-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(thiophen-3-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(benzo[b]thiophen-2-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(benzo[b]thiophen-3-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(5-methylthiophen-2-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(4-methylthiophen-2-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(5-chlorothiophen-2-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(5-chlorothiophen-3-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(5-fluorothiophen-2-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(5-bromothiophen-2-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(5-fluorothiophen-3-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(5-bromothiophen-3-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-4-{spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridin-5'-yl]thiophen-2-carbonitrile, or  
(2'R)-5-{spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridin-5'-yl]thiophene-2-carbonitrile.

Claim 26 (new) A pharmaceutical composition comprising a compound according to Claim 23, and a pharmaceutically-acceptable diluent or carrier.

Claim 27 (new) A pharmaceutical composition according to Claim 26, comprising a compound selected from:

(2'R)-5'-(thiophen-2-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(thiophen-3-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];

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(2'R)-5'-(benzo[b]thiophen-2-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(benzo[b]thiophen-3-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(5-methylthiophen-2-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(4-methylthiophen-2-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(5-chlorothiophen-2-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(5-chlorothiophen-3-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(5-fluorothiophen-2-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(5-bromothiophen-2-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(5-fluorothiophen-3-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-5'-(5-bromothiophen-3-yl)spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine];  
(2'R)-4-{ spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridin-5'-yl] } thiophene-2-  
carbonitrile, or  
(2'R)-5-{ spiro[1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridin-5'-yl] } thiophene-2-  
carbonitrile,  
or a pharmaceutically-acceptable salt of any foregoing compound,  
and a pharmaceutically-acceptable diluent or carrier.

**Claim 28 (new)** A compound according to Claim 23, wherein one or more of the atoms is a radioisotope of the element.

**Claim 29 (new)** A compound according to Claim 28, wherein the radioisotope is tritium.